



FLAMEMASTER
 Flamemaster Corp.
 13576 Desmond Street
 Pacoima, CA 91331 - USA

SAFETY DATA SHEET
 JUNE 10, 2020

File: E-943 PTB GSA 07-10
 Carbon Fiber Free Ablative
 Coating/Catalyst
 Part B

Section -1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1. Product Identifier: E-943 Carbon Fiber Free Ablative Coating Compound (Part B)-All Colors
- Product Name: E-943 Carbon Fiber Free Ablative Coating Compound / Part B / All Colors
- Product reference: E-943 Carbon Fiber Free Ablative Compound (Part B) Catalyst / All Colors

1.2. Product Use:

- Carbon Fiber Free Ablative Coating Compound

1.3. Manufacturer's Name:

CAGE Code: 14439
 Flamemaster Corp.
 Chem Seal Division
 13576 Desmond Street
 Pacoima, CA 91333 – USA

1.3.1 Suppliers Name (if not manufacturer)

Technical Contact:

Flamemaster Corp.
 Tel: 818-890-1401
 Fax: 818-890-6001
www.flamemaster.com

1.4. Emergency Telephone:

Emergency Contact Information :
 See Below

Specification: MIL-C-47244 / MIS 36199 / MIS 36202 PART B ALL COLORS

NSN:	8030-01-259-0165 QT KIT&.5 PT PRIMER	8010-00-X87-1440 GAL KIT(RED RIVER)	8030-01-032-1749 GALLON KIT		
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Emergency Contact:

CHEMTEL: WWW.CHEMTELINE.COM

Flamemaster Corporation Contract Number MIS2644301

Shipments of hazardous materials within United States, Canada, Puerto Rico, and U.S. Virgin Island should reference Chemtel's toll free phone number: 1-800-255-3924 - Reference Number MIS2644301

Shipments and safety applications outside of United States, Canada, Puerto Rico, and the U.S. Virgin Islands must reference Chemtel phone number +1-813-248-0585 - Reference Number MIS2644301

Collect Calls will be accepted. To ensure a bilingual operator please call collect.

Shipments originating in U.S.A. and going overseas must use both numbers.

Shipments originating overseas and destined for US, Canada, Puerto Rico or the Virgin Islands must also use both numbers.

Calls originating on board vessels should follow normal ship to shore protocols. Use international access number and alert the ship to shore operator you are involved in an emergency incident.

Shipments of hazardous materials within the listed countries should reference Chemtel's in-country phone numbers:

Australia : 1-300-954-583 : Reference Number MIS2644301

Brazil : 0-800-591-6042 : Reference Number MIS2644301

China : 400-120-0751 : Reference Number MIS2644301

India : 000-800-100-4086 : Reference Number MIS2644301

Mexico : 01-800-099-0731 : Reference Number MIS2644301

Section -2. HAZARD (S) IDENTIFICATION

Serious Eye Damage / Eye Irritation (Category 1), H318
Respiratory Sensitisation, (Category 1), H334
Skin Sensitisation, (Category 1), H317
Germ Cell Mutagenicity, (Category 2), H341
Carcinogenicity, (Category 1A), H350
Specific Target Organ Toxicity-Single Exposure-(Category 3), Respiratory Tract Irritation H335
Acute Aquatic Toxicity (Category 3), H412
Chronic Aquatic Toxicity, (Category 3), H413
Skin Irritation, (Category 1B), H314
Reproductive Toxicity, Effects on or via Lactation, H362
Reproductive Toxicity, (Category 2), H361
Specific Target Organ Toxicity-Single exposure-(Category 3), Narcotic Effects H336
Specific Target Organ Toxicity-Repeated Exposure-(Category 2), H373
Aspiration Hazard, (Category 1), H304
Acute Toxicity (Oral) (Category 4), H302
Acute Toxicity (Inhalation) (Category 4), H332

Hazards not otherwise classified (HNOC) or not covered by GHS:

If sanding, grinding or abrading material, combustible dust may form in air. Airborne dust damages the lungs by inhalation. Avoid physical exposure by allowing adequate ventilation and using proper personal protection equipment.

GHS Label Elements, Including Precautionary Statements

Pictograms:



Signal Word: DANGER

HAZARD STATEMENTS:

H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction
H318 Causes Serious Eye Damage
H332 Harmful if inhaled
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H341 Suspected of causing genetic defects.
H350 May Cause Cancer
H361 Suspected of damaging fertility or the unborn child
H362 May Cause Harm to Breastfed Children
H373 May cause damage to organs through prolonged or repeated exposure.
H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS
H413 May cause long lasting harmful effects to aquatic life

In the event of sanding, grinding, or abrading:

H371 MAY CAUSE DAMAGE TO ORGANS

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GENERAL PRECAUTIONARY STATEMENTS:

P101: If medical advise is needed, have product container or label at hand.

P102: keep out of reach of children.

P103: Read label before use.

Full text of P statements associated to this compound:

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P260: Do not breathe dust / fumes / gas / mist / vapors / spray.
- P261: Avoid breathing dust / fumes / gas / mist / vapors / spray.
- P263: Avoid contact during pregnancy / while nursing.
- P264: Wash thoroughly after handling.
- P270: Do not eat, drink, or smoke when using this product.
- P271: Use only outdoors or in a well - ventilated area.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P273: Avoid release to the environment.
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P281: Use personal protection equipment as required.
- P285 : In case of inadequate ventilation wear respiratory protection
- P301+310: IF SWALLOWED: Immediately call a POISON CENTER / doctor / ...
- P301+312: IF SWALLOWED: Call a POISON CENTER / doctor / .../ if you feel unwell.
- P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+352: IF ON SKIN: Wash with plenty of water / ...
- P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P304+341 : IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338: IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do-continue rinsing
- P308+313: If exposed: Call a POISON CENTER or doctor / physician.
- P310: Immediately call a POISON CENTER / doctor/...
- P312: Call a POISON CENTER / doctor /... / if you feel unwell.
- P314: Get medical advise / attention if you feel unwell.
- P321: Specific treatment...See Label Information
- P330: Rinse mouth
- P331: Do NOT induce vomiting.
- P333+313: If skin irritation or a rash occurs: Get medical advice / attention.
- P342+311: If experiencing respiratory symptoms: Call a POISON CENTER / doctor / ...
- P363: Wash contaminated clothing before reuse.
- P391: Collect spillage.
- P403+233: Store in a well ventilated place. Keep container tightly closed.
- P405: Store locked up.
- P501: Dispose of contents / containers in accordance with local / regional / national / international regulations

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Section -3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical family : Mixture of organic compounds

For the hazards of the composition, (SDS see Section 2).

% BY WEIGHT IN PRODUCT-	HAZARDOUS INGREDIENT	CAS#-
Proprietary Hardener Consisting of the Following Ingredients in the Following Concentrations in the Finished Product:		
	Polyaminoamide adduct	
<35%		Cas#68082-29-1
	Amines, polyethylenepolytriethylenetetramine fraction	
<5%		Cas# 90640-67-8

Skin Corrosion (Category 1B), H314
Serious eye damage (Category 1), H318
Skin sensitisation (Sub Category 1B), H317

Proprietary Accelerator Consisting of the Following Ingredients in the Following Concentrations in the Finished Product:

	2,4,6,-tris(dimethylaminomethyl)phenol	
<5%		Cas# 90-72-2
	bis[(dimethylamino)methyl]phenol	
<2%		Cas# 71074-89-0

ACUTE TOXICITY, (ORAL) - CATEGORY 4
SKIN CORROSION/IRRITATION - Category 1B
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
SKIN SENSITIZATION - CATEGORY 1
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY-REPEAT EXPOSURE (ORAL) -CATEGORY 2 (BRAIN)
AQUATIC (ACUTE) - CATEGORY 3

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): Silica in the Form of Quartz

<60%	Cas# 14808-60-7
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CARCINOGENICITY (CATEGORY 1A), H350
SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE-(STOT RE)- INHALATION (CATEGORY 1), LUNGS, H372

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): CERAMIC FIBER (ALUMINO SILICATE WOOL)

<3%	Cas# 142844-00-6
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CARCINOGENICITY (CATEGORY 2B), H351

Section -4. FIRST-AID MEASURES

General: When in doubt or symptoms persist, seek medical attention. Have Safety Data Sheet information available. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air, if breathing has stopped, administer artificial respiration. Give nothing by mouth, seek immediate medical attention.

Eye contact: Check for and remove any contact lenses. Irrigate with clean, fresh water for at least 15 minutes, holdin the eyelids apart and seek immediate medical attention.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleaners. Do NOT use aromatic solvents, thinners or petroleum products.

Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. May be fatal if swallowed or vomited and enters lungs and/or airways. Never give anything by mouth to an unconscious person.

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Section -5. FIRE-FIGHTING MEASURES

Extinguishing agents

Recommended: Universal resistant foam, CO₂, water, powder.

Agents to avoid: None known

Attention

Fire will produce dense black smoke. Exposure to decomposition products may cause a Health Hazard. Fire fighters should wear self-contained breathing apparatus.

Water mist may be used to cool closed containers to prevent pressure build-up and possible auto-ignition and explosion when exposed to extreme heat.

Do not weld, flame cut or expose to extreme heat or ignition sources, empty containers which have contained flammable products.

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

IN CASE OF COMBUSTION HAZARDOUS DECOMPOSITION PRODUCTS INCLUDE BUT MAY NOT BE LIMITED TO THE FOLLOWING:

- Carbon Monoxide
- **Traces of Benzene**
- Metal Oxides
- Carbon Dioxide
- Nitrogen Oxides
- Silicone Oxides
- Smoke
- Soot
- Silicone Dioxide
- Toxic fumes
- Formaldehyde
- Benzene by products
- Magnesium Oxide
- Carbon Oxides
- Calcium Oxide

Emits toxic fumes when heated.

In case of inhalation of decomposition products released in a fire, symptoms may be delayed. Exposed persons may need to be kept under medical surveillance for at least 48 hours.

Section -6. ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition, ventilate the area. Avoid breathing vapors by using appropriate respiratory protective equipment. Refer to protective measures listed in sections 7 & 8.

Collect spill with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with local regulations (see section 13). Do not allow to enter drains or watercourses.

Empty containers and/or liners may contain material residue. Empty contaminated packagings thoroughly. Dispose in accordance with all Federal, State, and local health and environmental regulations.

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

Clean-up with a detergent/ water mix ; avoid use of aromatic solvents. If the product enters drains or watercourses, inform authority with jurisdiction in accordance with state / local regulations.

Section -7. HANDLING AND STORAGE

7.1 Handling:

No smoking, eating and drinking during handling.

Avoid contact/exposure during pregnancy/while nursing.

Keep containers tightly closed. Prior to movement containers which are opened should be carefully resealed.

Avoid skin and eye contact. Avoid inhalation in case of exposure to vapor and spray mist.

Handle and open containers with care to avoid spilling of contents. Never use pressure to empty; container is not a pressure vessel. Clean or discard contaminated clothing and shoes.

Preparation may charge electrostatically; always use grounding/ bonding/ earthing leads when transferring contents of containers. Operators should wear antistatic footwear and clothing, and floors should be electrically conductive.

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air, and avoid vapor concentration higher than the Occupational Exposure Limits.

Use in areas from which local sources of ignition have been excluded. Electrical equipment including lighting should be protected to the appropriate standard. Isolate from sources of heat, sparks and open flame. Non-sparking tools are recommended.

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7.2 Storage:

Observe label precautions. Store between 32/F and 95/F (0/C and 35/C) in a dry, clean and well ventilated place, away from sources of heat, ignition, and direct sunlight. For flash points below 23 °C store in an area constructed to the appropriate standard

SPECIAL COMMENTS: This Product, when heated in air above 300° F, can release traces of Benzene and/or Formaldehyde.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering measures:

Avoid the inhalation of vapors, spray mist and particulates. Achieve by local exhaust ventilation providing good general extraction as to keep air-borne concentration below the Occupational Exposure Limits (OEL).

If local / area ventilation is not sufficient to comply with OEL, suitable (NIOSH) respiratory protection to be provided. Always provide suitable (NIOSH) respiratory protection when sanding, grinding or otherwise abrading cured material.

8.2 Exposure limits

Work place exposure limits (8 hour)

Substance	OSHA PEL	ACGIH TLV
CERAMIC FIBER (ALUMINO SILICATE WOOL) *	NIOSH REL-0.5 f/cc, 8-HR TWA	0.2 f/cc TLV, 8-HR TWA
Calcium Sulfate, Anhydrous *	5 mg/m ³ (Respirable Fraction)	10 mg/m ³ (Inhalable Fraction)
Calcium Sulfate, Anhydrous *	15 mg/m ³ (Total Dust)	
SILICONE DIOXIDE *	10.000000 mg/m ³	0.025mg/m ³
Hydrous Magnesium Silicate *	20 million particles per cubic foot	2.000000 mg/m ³
* can be absorbed through skin		

8.3 Personal protection

All Personal Protective Equipment, including Respiratory Protection, used to control exposure to hazardous substances must be selected to meet the requirements of OSHA Regulations.

Respiratory protection :

Appropriate respiratory protection equipment should be selected according to the type of contaminants, following regulatory (OSHA / NIOSH) and manufacturers instructions including proper fitting of devices.

Hand protection :

For prolonged or repeated contact, recommend gloves type: polyvinyl alcohol, nitrile rubber, latex rubber (some people may exhibit sensitivity to Latex). Barrier creams may help to protect exposed areas of the skin. However, they should not be applied post exposure.

Eye protection :

Use safety glasses with side shields to protect against splashes. Face shields may also be worn.

Skin protection :

Protective clothing made of antistatic and fire resistant fibers. All parts of the body should be washed after contact. Use good hygiene and industrial practices, keep working clothes clean.

Environmental Exposure Controls: Emissions from workplace ventilation systems or work process equipment should be periodically checked to ensure compliance with local environmental laws.

SPECIAL COMMENTS: This Product, when heated in air above 300° F, can release traces of Benzene and/or Formaldehyde.

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9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at: 68 ° F (20 ° C) Liquid
- Flash point: +93 Deg. C - - - - +200 Deg. F Method: TCC
- Specific gravity at: 68 ° F (20 ° C) 1.42 g/cm3
- Vapor Density: N/A
- Lower Explosive Limit-None
- Upper Explosive Limit-None
- Miscibility in water at 20 ° C: Slight
- Ph : 10
- Volatile % by volume: N/A
- Vapor pressure at: 68 ° F (20 ° C) < 0.01
- Color: All Colors
- Appearance: Paste
- Odor: Amine Odor
- Boiling Point: 550 Deg. F

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see SDS section 7).

IN CASE OF COMBUSTION HAZARDOUS DECOMPOSITION PRODUCTS INCLUDE BUT MAY NOT BE LIMITED TO THE FOLLOWING:

- Carbon Monoxide
- Traces of Benzene
- Metal Oxides
- Carbon Dioxide
- Nitrogen Oxides
- Silicone Oxides
- Smoke
- Soot
- Silicone Dioxide
- Toxic fumes
- Formaldehyde
- Benzene by products
- Magnesium Oxide
- Carbon Oxides
- Calcium Oxide

Emits toxic fumes when heated.

In case of inhalation of decomposition products released in a fire, symptoms may be delayed. Exposed persons may need to be kept under medical surveillance for at least 48 hours.

11. TOXICOLOGICAL INFORMATION

There are no data available on the preparation itself. See (SDS Sections 3 and 15) for details.

Exposure to component solvents vapors at concentrations in excess of the stated Occupational Exposure Limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness, and in extreme cases loss of consciousness.

Repeated or prolonged contact with the preparation may cause Defatting of the skin resulting in non-allergic dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause severe irritation and severe damage to the eyes.

ACUTE TOXICITY:

PRODUCT:	TEST	SPECIES	DOSE	RESULT
2, 4, 6-Tris(dimethylaminomethyl) phenol	OECD 401 ACUTE ORAL TOXICITY	RAT	2169 mg/kg	LD 50 ORAL
	Unknown Guidelines	RAT	>971 mg/kg	LD 50 DERMAL

CHRONIC TOXICITY:

PRODUCT:	TEST	SPECIES	ENDPOINT	RESULT
2, 4, 6-Tris(dimethylaminomethyl) phenol	OECD 422 COMBINED REPEATED DOSE TOXIC STUDY WITH THE REPRODUCTION/ DEVELOPMENTAL TOXICITY SCREENING TEST	RAT	Sub-acute NOEL Oral	15 mg/kg

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IRRITATION/CORROSION:

PRODUCT:	TEST	RESULT	SPECIES
2, 4, 6-Tris(dimethylaminomethyl) phenol	OECD 404 Acute Dermal Irritation/Corrosion EPA CFR	Skin Corrosive	Rabbit

Sensitizer:

PRODUCT:	ROUTE OF EXPOSURE	SPECIES	RESULT
2, 4, 6-Tris(dimethylaminomethyl) phenol	OECD 406 SKIN SENSITISATION SKIN	GUINEA PIG	NOT SENSITIZING

CARCINOGENICITY:

INGREDIENT	IARC	OSHA	NTP	CAS#
Ceramic Fiber	2B	-	Reasonably anticipated to be a human carcinogen	142844-00-6
Silicone Dioxide:	1	-	Known to be a human carcinogen	14808-60-7

REPRODUCTIVE TOXICITY

PRODUCT:	TEST	SPECIES	RESULTS
2, 4, 6-Tris(dimethylaminomethyl) phenol	OECD 422 COMBINED REPEATED DOSE TOXICITY STUDY	RAT	MATERNAL TOXICITY-NEGATIVE FERTILITY- NEGATIVE DEVELOPMENTAL EFFECTS-NEGATIVE

SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:

Silicone Dioxide- Inhalation-Causes damage to organs through prolonged or repeated exposure

2, 4, 6-Tris(dimethylaminomethyl)phenol-Oral-Causes damage to organs through prolonged or repeated exposure- (Category 2)

Conclusion / Summary

2, 4, 6-Tris(dimethylaminomethyl)phenol : Corrosive to the skin

2, 4, 6-Tris(dimethylaminomethyl)phenol : Corrosive to the eyes

2, 4, 6-Tris(dimethylaminomethyl)phenol : Not mutagenic in a standard battery of genetic toxicological tests

TARGET ORGANS: BRAIN, BLOOD, KIDNEYS, LUNGS, REPRODUCTIVE SYSTEM, LIVER, HEART, PERIPHERAL NERVOUS SYSTEM, GASTROINTESTINAL TRACT, UPPER RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM, EYE, LENS AND/OR CORNEA.

12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself. Do not allow the product to enter drains or water ways. See (SDS Sections 3 and 15)

Environmental Effects: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

Empty containers and/or liners may contain material residue. Empty contaminated packagings thoroughly. Dispose in accordance with all Federal, State, and local health and environmental regulations.

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Aquatic Ecotoxicity:

Product:	Test	Result	Endpoint	Species	Exposure-Static
2, 4, 6-Tris(dimethylaminomethyl)phenol	OECD 201 Algae, Growth Inhibition Test	84 mg/l	ErC50	Algae	72 Hours
	Unknown Guidelines	718 mg/l	LC50	Daphnia	96 Hours
	-	175 mg/l	LC50	Fish	96 Hours
	-	6.25 mg/l	NOEC	Algae	72 Hours

Bioaccumulative Potential

Product:	LogPow	BCF	Potential
2, 4, 6-Tris(dimethylaminomethyl)phenol	0.219	-	Low

Persistence and Degradability :

Product	Test	Period	Result
2, 4, 6-Tris(dimethylaminomethyl)phenol	OECD 301D Ready Biodegradability Closed Bottle Test	28 DAYS	4%

Product / Ingredient	Aquatic Half Life	Photolysis	Biodegradability
2, 4, 6-Tris(dimethylaminomethyl)phenol	-	-	Not Readily

13. DISPOSAL CONSIDERATIONS

Recommended incineration or land fill as hazardous waste per Federal, State and local regulations. React with curing agent and dispose of as hazardous waste per Federal, State and local regulations. Recommended incineration or land fill. Avoid contact with soil, waterways, drains and sewers. Avoid dispersal of spilled material and runoff. Empty containers and/or liners may contain material residue. Empty contaminated packagings thoroughly. Dispose in accordance with all Federal, State, and local health and environmental regulations. Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

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14. TRANSPORT INFORMATION

DOT: § 172.101 HAZARDOUS MATERIALS TABLE

UN Number: UN1760

Proper Shipping Name : Corrosive Liquid, N.O.S. (TRIETHYLENE TETRAMINE)

Class : 8

Packing Group : II

Labels : Corrosive

Packing Instruction (Cargo Aircraft) : 855

Packing Instruction (Passenger Aircraft) : 851

IMDB

UN Number: UN1760

Proper Shipping Name : Corrosive Liquid, N.O.S. (TRIETHYLENE TETRAMINE)

Class : 8

Packing Group : II

Labels : 8

EMS Code : F-A, S-B

Marine Pollutant : No

Domestic Regulation

UN Number: UN1760

Proper Shipping Name : Corrosive Liquid, N.O.S. (TRIETHYLENE TETRAMINE)

Class : 8

Packing Group : II

Labels : Corrosive

ERG Code : 154

Marine Pollutant : No

15. REGULATORY INFORMATION

US Regulations Federal

HCS Classification:

SARA 311/312:

Silicone Dioxide: Chronic Health Hazard

Ceramic Fibers: Delayed Hazard

CERCLA HAZARDOUS SUBSTANCES

Components	Concentration %	Section 304 CERCLA Hazardous Substance
1-chloro-2,3-epoxypropane	<35%	Listed

**chemical (s) subject to the reporting
requirements of section 313 of Title III
and of 40 CFR 372 (SARA)**

Based on available data, this product contains no ingredients listed

* Do not detach SARA 313 notifications from SDS. All copies of SDS must include SARA 313 notifications.

All remaining Constituents are non-hazardous per FED-STD-313 All Constituents are listed in TSCA inventory; complete mixture is excluded Per TSCA Par. 710.4 (d) 95 (6) (7) Constituents are not listed in TSCA 12b CORR. LIST

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US Regulations State

PRODUCT	STATE	CAS#
2, 4, 6-Tris(dimethylaminomethyl)phenol	New Jersey Pennsylvania	90-72-2
Quartz	California (proposition 65)	14808-60-7
Calcium Sulfate Anhydrous	Massachusetts New Jersey Pennsylvania Rhode Island (Not Regulated)	7778-18-9
CERAMIC FIBER (ALUMINO SILICATE WOOL)	California (proposition 65)	N/A

California Proposition 65 warning: This product contains materials known by the state of California to cause cancer, birth defects, and/or other reproductive harm.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.
Listed National Pollutant Release Inventory (NPRI):

16. OTHER INFORMATION

HEALTH	3	HEALTH	3
FLAMMABILITY	1	Chronic	*
REACTIVITY	0	FLAMMABILITY	1
Customer and/or end user is responsible for determining PPE code.		REACTIVITY	0

NFPA

HMIS

Preparer:	Flamemaster / Compliance	Revision Date: 06/10/2020	Conversion to ANSI format
Containers:	plastic jars, metal cans cartridge kits		
Limited Quantity	See SDS Section 14		
Maximum container size:	50 Gallons / 190 Liters		

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Notice to reader:

This SDS is provided without any warranty expressed or implied regarding its correctness or suitability for specific situations. The conditions of handling, storage, use and disposal are beyond our control and may be beyond our knowledge.

In all cases, the user must determine the applicability of all information and recommendations contained herein as well as the suitability of this product for their own particular needs or purposes.

This product may be hazardous and should always be used with care and discretion. Every effort has been made to describe all known hazards, but this in no way guarantees the above mentioned hazards are the only hazards present.

Flamemaster Corporation and its Agents shall in no way be held liable for any damages resulting from handling, using, storing, disposing of, or from contact with this product. User assumes all risk.

End of Safety Data Sheet